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(54) **CONTROL HANDLE FOR
SELF-EXPANDABLE MEDICAL DEVICES**

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See application file for complete search history.

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(57) **ABSTRACT**

A delivery system is provided for a self-expanding medical device. The delivery system has a handle assembly with a housing. The housing has a slot with a deployment knob extending therethrough. The self-expanding medical device is deployed by restraining the housing of the handle assembly and pulling on the deployment knob. This causes an outer sheath to withdraw proximally from an inner catheter to release the self-expanding medical device from a space between the outer sheath and inner catheter.

20 Claims, 12 Drawing Sheets

